

PRELIMINARY AMENDMENT
Attorney Docket Q63519

17. (Amended) A waveguide directional filter arrangement as claimed in claim 4,
wherein the aspect ratio of said wall sections is approximately 4:1.

93
Sub B1
18. (Amended) A waveguide directional filter arrangement as claimed in claim 3,
wherein at least one said resonator element includes a plurality of cooling fins operatively
attached thereto.

94
Sub B1
19. (Amended) A waveguide directional filter arrangement as claimed in claim 3,
wherein at least one said resonator element includes at least one tuning element means.

20. (Amended) A waveguide directional filter arrangement as claimed in claim 1,
wherein said resonator element is symmetric.

94
Sub B1
27. (Amended) An adjustable aperture arrangement as claimed in claim 24, wherein
the screw head includes a bayonet socket for cooperating with a tool having a T-shaped end.

Sub B1
95
29. (Amended) A waveguide directional filter arrangement comprising an input
waveguide and an output waveguide connected by a resonator structure, wherein said input
waveguide and said output waveguide each include broad wall sections joined by narrow wall
sections whose aspect ratio is greater than 2:1, and wherein said resonator structure comprises a
housing having access holes, at least two cavity resonators coupled by an adjustable coupling
aperture arrangement in a substantially planar wall common to both said resonators, said

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as
and
adjustable coupling aperture arrangement including at least one slit of predetermined dimensions, the at least one slit communicating with a respective access hole via an associated passageway that lies within the boundary of major surfaces of said planar wall, wherein said at least one slit is provided with a moveable metal slug that is slideably retained by opposite longitudinal edges of the slit, whereby said slug can be engaged and slideably manipulated by a tool, introduced into said access hole and guided to said slug via said passageway, into a position in which electrical contact between said slug and said edges of the slit produces a desired change in effective electrical length of the slit.
